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State of Utah

Department of
Natural Resources

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Division of
Oil, Gas & Mining

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August 27, 2004

CERTIFIED MAIL
7099 3400 0016 8895 5637

Mark Reynolds, Permitting Coordinator
Co-Op Mining Company
P. O. Box 1245
Huntington, Utah 84528

Re: Addition of Lead and Copper Monitoring Parameters to Ground Water
Monitoring Requirements for Two Locations - Big Bear Spring and #1 Mine
Hiawatha Portal Mine Water Discharge Pipe and Request for Additional
Information, Co-Op Mining Company, C/015/0025, Outgoing File

Dear Mr. Reynolds:

The Division requests that Co-Op Mining Company submit a permit amendment to modify their ground-water monitoring plan for the Bear Canyon Mine that includes lead and copper as part of the suite of chemical parameters to be analyzed **quarterly** from the following ground-water sampling sites:

1. #1 Mine Portal (pipe discharge from Hiawatha seam, SBC-9A)
2. Big Bear Spring (SBC-4)

The analytical results will subsequently be uploaded and posted on the Division's Water Quality Monitoring Database as required under the approved permit.

During our August 4, 2004 meeting, this monitoring change request was discussed with you and Charles Reynolds as related to the abandonment of a battery-powered coal hauler and an electrical distribution box in the #1 mine. Representatives from the Huntington-Cleveland Irrigation District, the Castle Valley Special Service District, the North Emery Water Users and DEQ also attended the meeting.

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At that meeting, we established that the ground water discharging from the pipe at the #1 Mine portal (Hiawatha seam) is currently being sampled and analyzed on a quarterly basis by the operator for lead and copper. This water is used for culinary purposes by the #3 Mine, and the two residences located in Bear Canyon. Excess water is discharged into Bear Creek (UPDES 004). You agreed to submit the additional monitoring data per Division request for SBC-9A. Also discussed was the installation of a new 6-inch diameter pipeline along the mine floor that will continuously drain groundwater inflow from that portion of the mine containing the abandoned mine equipment. Charles Reynolds explained the pipeline construction technique used to protect the pipe from being damaged from potential roof falls in the future. We request that Co-Op Mining Company provide the following information:

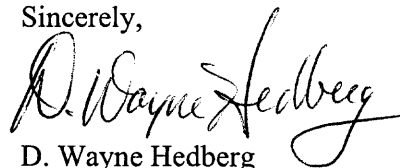
1. A written description of this installation process.
2. An appropriate as-built drawing(s) showing the location and routing of this pipeline, and;
3. A typical cross-section of the cribbed pipeline installation.

This information will also be reviewed and incorporated as an amendment into the approved permit.

We have determined that a permit amendment to the ground-water monitoring plan is necessary to ensure continued protection of the hydrologic balance (Rule R645-301-731). Please submit the above referenced information as an amendment to the Bear Canyon ground-water monitoring plan by September 27, 2004.

If you have questions, or concerns, please call me at (801) 538-5286, or Peter Hess at (435) 613-1146, Ext. 203. Thank you for your cooperation in this regard.

Sincerely,



D. Wayne Hedberg
Permit Supervisor

Ph/dwh/an

cc: Darrell Leamaster, CVSSD
Jack Stoyanoff, NEWUSSC
Dave Hartvigsen, representing HCIC
Lonnie Shull, DWQ
Kate Johnson, Drinking Water

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